



OPY OF PAPERS
ORIGINALLY FILED

#2/3/2002
Debra L. Higham
Received

Approved for use through 10/31/2002. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application No.	10/000,229
		Filing Date	November 30, 2001
		First Named Inventor	Rajen Dias
		Group Art Unit	2811
		Examiner Name	Not Assigned
Total Number of Pages in This Submission		Attorney Docket Number	42390P12897

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> <div style="border: 1px solid black; padding: 5px;"> - Request for Correction - Copy of Filing Receipt - Return Receipt Postcard </div>
<div style="border: 1px solid black; padding: 5px; height: 40px; margin-top: 10px;">Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Paul A. Mendonsa, Reg. No. 42,879 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	February 5, 2002

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail with sufficient postage in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on:			
February 5, 2002			
Typed or printed name	Debra L. Higham		
Signature		Date	February 5, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)

FEB 19 2002
PATENT & TRADEMARK OFFICE

Complete if Known

Application Number	10/000,229
Filing Date	November 30, 2001
First Named Inventor	Rajen Dias
Examiner Name	Not Assigned
Group/Art Unit	2811
Attorney Docket No.	42390P12897

COPY OF PAPERS
ORIGINALLY FILED

METHOD OF PAYMENT (check one)

Check Credit card Money Order Other None

Deposit Account

Deposit Account Number Deposit Account Name

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
- Charge any additional fee(s) during the pendency of the application
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
101	740	201	370	Utility filing fee
106	330	206	165	Design filing fee
107	510	207	255	Plant filing fee
108	740	208	370	Reissue filing fee
114	160	214	80	Provisional filing fee

SUBTOTAL (1)

2. EXTRA CLAIM FEES

Total Claims	28	Extra Claims	Fee from below	Fee Paid
Independent Claims	28	28*	= 0 X 18.00 =	\$0.00
Multiple Dependent	4	4*	= 0 X 84.00 =	\$0.00

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple Dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

**or number previously paid, if greater. For Reissues, see below

3. ADDITIONAL FEES

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
	105	130		205	65	Surcharge - late filing fee or oath	
	127	50		227	25	Surcharge - late provisional filing fee or cover sheet	
	139	130		139	130	Non-English specification	
	147	2,520		147	2,520	For filing a request for ex parte reexamination	
	112	920*		112	920*	Requesting publication of SIR prior to Examiner action	
	113	1,840*		113	1,840*	Requesting publication of SIR after Examiner action	
	115	110		215	55	Extension for reply within first month	
	116	400		216	200	Extension for reply within second month	
	117	920		217	460	Extension for reply within third month	
	118	1,440		218	720	Extension for reply within fourth month	
	128	1,960		228	980	Extension for reply within fifth month	
	119	320		219	160	Notice of Appeal	
	120	320		220	160	Filing a brief in support of an appeal	
	121	280		221	140	Request for oral hearing	
	138	1,510		138	1,510	Petition to institute a public use proceeding	
	140	110		240	55	Petition to revive - unavoidable	
	141	1,280		241	640	Petition to revive - unintentional	
	142	1,280		242	640	Utility issue fee (or reissue)	
	143	460		243	230	Design issue fee	
	144	620		244	310	Plant issue fee	
	122	130		122	130	Petitions to the Commissioner	
	123	50		123	50	Processing fee under 37 CFR 1.17(q)	
	126	180		126	180	Submission of Information Disclosure Stmt	
	581	40		581	40	Recording each patent assignment per property (times number of properties)	
	146	740		246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
	149	740		249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
	179	740		279	370	Request for Continued Examination (RCE)	
	169	900		169	900	Request for expedited examination of a design application	

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) RECEIVED
MAR 14 2002
TC 2800 MAIL ROOM

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Signature	Registration No. (Attorney/Agent)	42,879	Telephone	(503) 684-6200
				Date	02/05/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2039.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Atty. Docket No. 042390.P12897



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for:

Dias, et al.

Application No.: 10/000,229

Filed: November 30, 2001

For: Backside Metallization on Sides of
Microelectronic Dice for Effective
Thermal Contact with Heat Dissipation
Devices

Examiner: Not Assigned

Art Group: 2811

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to: **Office of Initial Patent Examination's Customer Service Center, Assistant Commissioner for Patents, Washington, DC 20231** on:

Date of Deposit: February 5, 2002

Name of Person Mailing: Deborah L. Higham

Signature: [Signature] Date: Feb 5, 2002

**Office of Initial Patent Examination's
Customer Service Center**
Assistant Commissioner for Patents
Washington, DC 20231

COPY OF PAPERS
ORIGINALLY FILED

REQUEST FOR CORRECTED FILING RECEIPT

Dear Sir:

Enclosed is a copy of the official Filing Receipt for the above-referenced patent application with errors noted thereon in red.

RECEIVED
MAR 14 2002
2800 MAIL ROOM

The following title is listed incorrectly:

Listed as: Backside Metallizationon Sides of Microelectronic Dice for Effective Thermal Contact with Heat Dissipation Devices

Should be: Backside **Metallization on** Sides of Microelectronic Dice for Effective Thermal Contact with Heat Dissipation Devices

PLEASE GENERATE ANOTHER FILING RECEIPT INCORPORATING THE REQUESTED CORRECTIONS.

THANK YOU.

If any additional fee is required, please charge Deposit Account No. 02-2666. A Fee
Transmittal is enclosed in duplicate for deposit account charging purposes.

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN, LLP

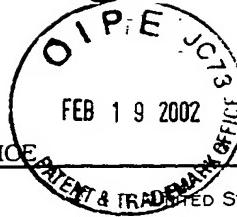
Date: FEB 5, 2002


Paul A. Mendonsa
Registration No. 42,879

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, CA 90025
(503) 684-6200



UNITED STATES PATENT AND TRADEMARK OFFICE



RECEIVED
FEB 19 2002
JAN 28 2002
(RGW)
COMMISSIONER FOR PATENTS
PATENT & TRADEMARK OFFICE
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 WILSHIRE BOULEVARD, SEVENTH FLOOR
LOS ANGELES, CA 90025
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/000,229	11/30/2001	2811	968	42390P12897	10	28	4

08791
BLAKELY SOKOLOFF TAYLOR & ZAFMAN
12400 WILSHIRE BOULEVARD, SEVENTH FLOOR
LOS ANGELES, CA 90025

COPY OF PAPERS
ORIGINALLY FILED

CONFIRMATION NO. 9231

FILING RECEIPT



OC000000007331585

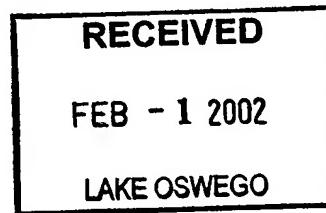
Date Mailed: 01/18/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

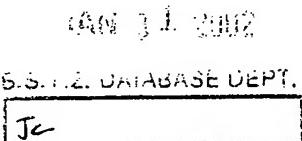
Applicant(s)

Rajen Dias, Phoenix, AZ;
Biju Chandran, Chandler, AZ;

Domestic Priority data as claimed by applicant



RECEIVED



Foreign Applications

If Required, Foreign Filing License Granted 01/18/2002

Projected Publication Date: 06/05/2003

Non-Publication Request: No

Early Publication Request: No

Title

METALLIZATION ON
Backside metallization on sides of microelectronic dice for effective thermal contact with heat dissipation devices

ENTERED
JAN 28 2002
STATUS DB-LA

TC 2800 MAIL ROOM
MAR 14 2002
RECEIVED

Preliminary Class

257

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15



GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

COPY OF PAPERS
ORIGINALLY FILED

RECEIVED
MAR 14 2002
TC 2800 MAIL ROOM